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MRAATPLQTVDRPKDWYKTMFKQIHMVHKPDDDTDMYNTPTYTNAGLYNSPYSAQSHPA
 MRAATPLQTVDRPKD YKTMFKQIHMVHKPDDDT MYNTPTYTNAGLYNSPYSAQSHPA
 MRAATPLQTVDRPKD TYKTMFKQIHMVHKPDDDTKMYNTPTYTNAGLYNSPYSAQSHPA

KTQTYRPLSKSHSDNGTDAFKDASSPVPPPHVPPVPLRPRDRSSTEKHDWDPDRKVD
 KTQTYRPLSKSHSDNGTDAFKDASSPVPPPHVPPVPLRPRDRSSTEKHD DPPDRKVD
 KTQTYRPLSKSHSDNGTDAFKDASSPVPPPHVPPVPLRPRDRSSTEKHDRDPDRKVD

TRKFRSEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂
 TRKFRSEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂
 TRKFRSEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂

FIG.1

ATGAGAGCAGCAACACCTTTGCAGACAGTTGACCGGCCGAAGGACTGGTACAAGACCATGTTTAAGCAA
 IIII IIII IIIIIIIIIIIIIIIIIII IIIIIIII IIIIIIIIIIIIIIIII IIIIIIIIIII
 ATGAAAGCAACACACCTTTGCAGACAGTCGACCGGCCCAAGGACTGGTACAAGACGATGTTTAAGCAA

TCCACATGGTGCAAGCCAGATGATGACACAGACATGTATAATACTCCT TATAC
 I IIIIIIIIIIIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIII IIII
 TTCACATGGTGCAAGCCGGATGATGACACAGACATGTATAATACTCCTACACCTCACATGAATATAC

ATATAATGCAGGCCTGTACAACCTACAGTGCTCAGTCACATCCTGCTGCCAAGACCCAGACCTAC
 III IIIIIIII IIIIIIIII IIIIIIIIIIIIIIIIIIIII IIIIIIII IIIIIIII IIIIII
 ATACAATGCAGGTCTGTACAACCCACCTACAGTGCTCAGTCACACCTGCTGCAAAGACCCAAACCTAC

AGACCCCTCTCCAAAAGCCACTCTGACAATGGCACCGACGCTTTAAGGATGCTTCCTCACCTGTCCCTC
 IIIII II IIIIIIIIIIIIIII IIIII II II I IIIIIIIIIIIII IIIII II II IIII
 AGACCTCTTCCAAAAGCCACTCCGACAACAGCCCAATGCCTTTAAGGATGCGTCCTCCCCAGTGCCCTC

CCCCACATGTTCTCCTCCAGTCCACCTCTGCGACCAAGAGATCGGTCTTCAACAGAAAAGCATGACTG
 IIIIIIIIIIIII IIIIIIIIIII II II IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
 CCCCACATGTTCCACCTCCAGTCCCGCGCTTCGACCAAGAGATCGGTCTTCAACAGAAAAGCATGACTG

GGATCCTCCAGACAGAAAAGTGACACGAGAAAATTCGATCGGAGCCACGGTCTATTTTGAATACGAG
 IIIIIIIIIIIIIIIIIIIIIIIII IIIII II I II IIIII II IIIIIIIIIIIIIIIII
 GGATCCTCCAGACAGAAAAGTGACACAAGAAATTCGGGTCTGAGCCAAGGAGTATTTTGAATACGAG

CCTGGGAAGTCATCCATCCTGCAGCACGAACGACCCGTCACGAAACCGCAAGCAGGGCGCCGTAAGGTC
 III IIII I
 CCTGGGAAGTCATCCATCCTGCAGCACGAACGACCCGTCACGAAACCGCAAGCAGGGCGCCGTAAGTCC

FIG.2

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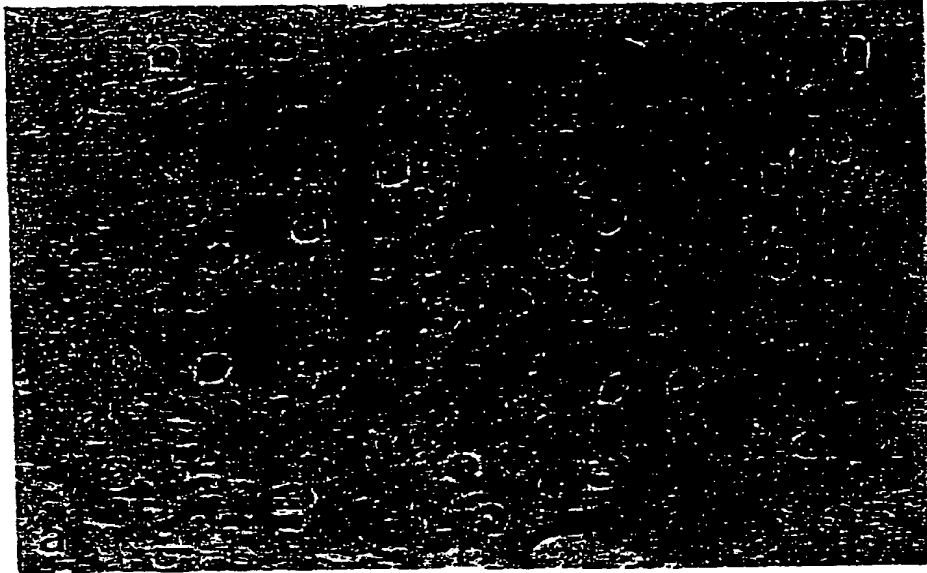
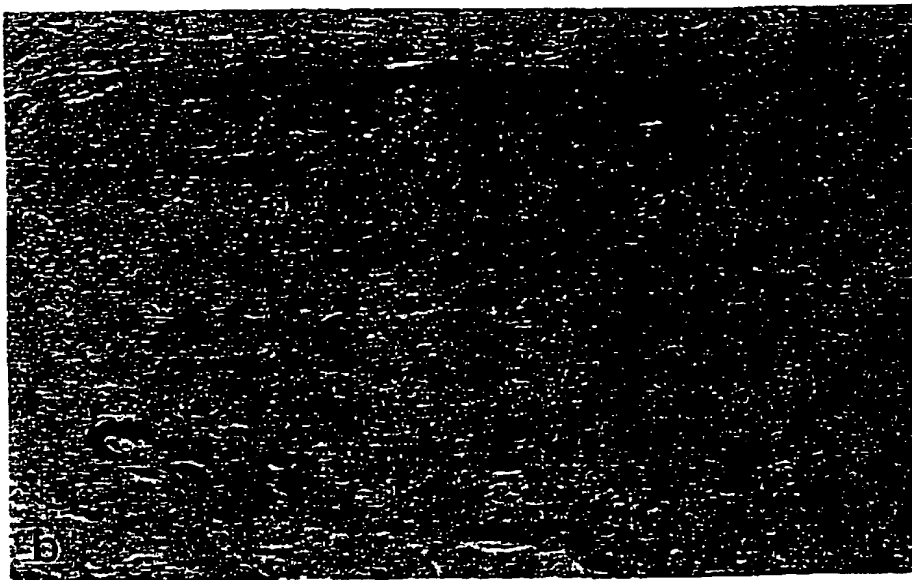
MKATTPLQTVDRPKDWYKTMFKQIHMVHKPDDDDTDMYNTPTPEMKYTYNAGLYNPPYSAQ
M+A TPLQTVDRPKDWYKTMFKQIHMVHKPDDDDTDMYNTPTPEMKYTYNAGLYN PYS AQ
MRAATPLQTVDRPKDWYKTMFKQIHMVHKPDDDDTDMYNTPTPEMKYTYNAGLYNPPYSAQ

SHPAAKTQTYRPLSKSHSDNSPNAFKDASSPVPPPHVPPPVPPPLRPRDRSSTEKHDWDPP
SHPAAKTQTYRPLSKSHSDN +AFKDASSPVPPPHVPPPVPPPLRPRDRSSTEKHDWDPP
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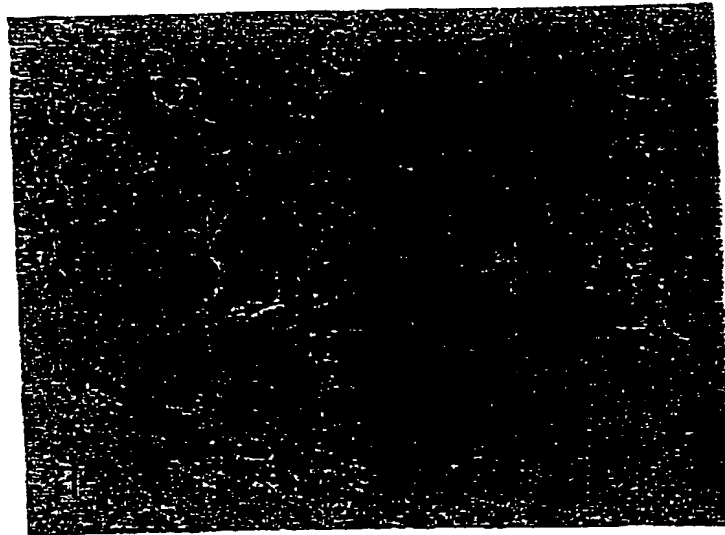
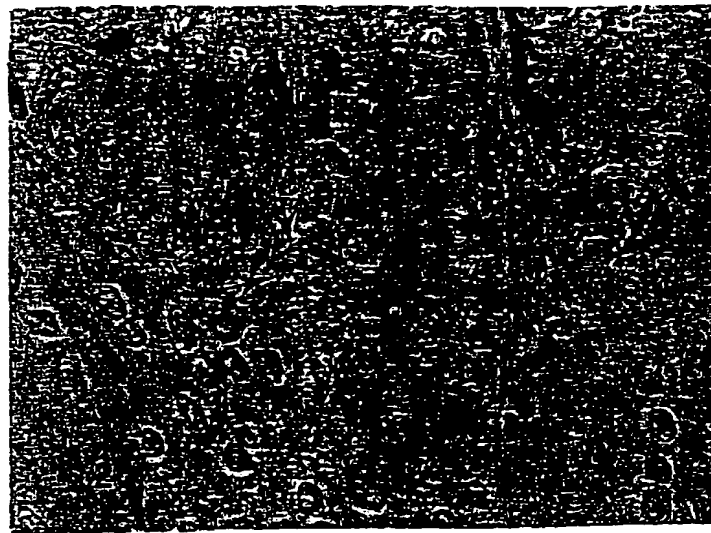
DRKVDTRNFGSEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂
DRKVDTR F SEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂
DRKVDTRKPRSEPRSI FEYEPGKSSILQHERPVTKPQA-NH₂

FIG.3

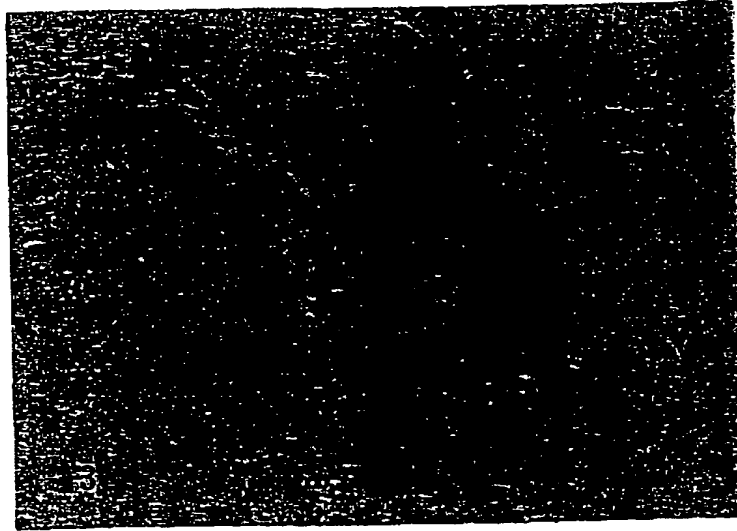
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FIG.4AFIG.4B

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FIG.5AFIG.5B

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FIG.5C